

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF : Anant Achyut Setlur, et al.  
FOR : **DEEP RED PHOSPHOR FOR  
GENERAL ILLUMINATION  
APPLICATIONS**  
SERIAL NO. : 10/636,016  
FILED : August 7, 2003  
EXAMINER : Unknown  
ART UNIT : 2879  
CONFIRMATION NO. : 1008  
ATTORNEY DOCKET NO. : **122370/RD30124  
GLOZ 2 00135**

**INFORMATION DISCLOSURE STATEMENT**

MAIL STOP AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

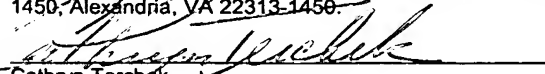
Dear Sir:

In accordance with 37 C.F.R. §§ 1.56, 1.97, 1.98 and MPEP § 609, applicants submit the following Disclosure Statement concerning art of which the applicants are aware. A copy of PTO-1449 is enclosed herewith.

This Information Disclosure Statement is not intended to constitute an admission that any patent, publication or other information referred to herein or submitted herewith is "prior art" for this invention unless specifically designated as such.

**Certificate of First Class Mailing**

I hereby certify that this Information Disclosure Statement and PTO 1449 form are being deposited with the United States Postal Service as first class mail in an enveloped addressed to: Mail Stop Amendment, Commissioner for Patents, P.O.Box 1450, Alexandria, VA 22313-1450.

  
Cathryn Terchek

Date: 

In accordance with 37 C.F.R. §1.97(g) and (h), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. §1.56(b) exists. All of the cited and/or included references were cited by the European Patent Office in a related application(s).

In accordance with the United States Patent and Trademark Office OG Notice dated 05 August 2003, waiving the requirement under 37 CFR 1.98(a)(2)(i), for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003, Applicant has not enclosed copies of the cited U.S. patents with this Disclosure.

Under § 1.98(a)(3), no concise explanation of relevance is required for information that is in the English language. Accordingly, the cited patents require no further explanation (or no translation is available).

Under § 1.97(e)(1), the undersigned certifies that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement. A copy of the International Search Report dated 5 November 2004 is attached. Although it is believed no fee is necessary, any deficiency in fees should be charged to Deposit Account No. 06-0308.

It is respectfully requested that the attached documents be considered and officially cited in examination of this application.

Respectfully submitted,

FAY, SHARPE, FAGAN,  
MINNICH & MCKEE, LLP

Date: Dec 15, 2004



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| Substitute for Form 1449/PTO   |                     | <b>COMPLETE IF KNOWN</b>       |                     |
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT(S)</b><br>(Use as many sheets as necessary) |                     | Application Number             | 10/636,016          |
|  |                     | Filing Date                    | August 7, 2003      |
|  |                     | First Named Inventor           | Anant Achyut Setlur |
|  |                     | Art Unit                       | 2879                |
|  |                     | Examiner Name                  | Unknown             |
| Sheet 1 of 1   | Attorney Docket No. | 122370/RD30124<br>GLOZ 2 00135 |                     |

**U.S. PATENT DOCUMENTS**

| Examiner Initials* | Cite No. | Document No. Number-Kind Code (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document |
|--------------------|----------|--|-----------------------------|---|
|                    | AA       | US-6,137,217                             | 10/24/2000                  | Pappalardo, et al.                              |
|                    | AB       | US-2002/0105266 A1                       | 08/08/2002                  | Juestel, et al.                                 |
|                    | AC       | US-                                      |                             |   |
|                    | AD       | US-                                      |                             |   |
|                    | AE       | US-                                      |                             |   |
|                    | AF       | US-                                      |                             |   |
|                    | AG       | US-                                      |                             |   |
|                    | AH       | US-                                      |                             |   |
|                    | AI       | US-                                      |                             |   |
|                    | AJ       | US-                                      |                             |   |
|                    | AK       | US-                                      |                             |   |
|                    | AL       | US-                                      |                             |   |

**FOREIGN PATENT DOCUMENTS**

| Examiner Initials* | Cite No. | Foreign Patent Document Country Code-Number Kind Code (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | T |
|--------------------|----------|--|-----------------------------|---|---|
|                    | AM       | WO 01/89001 A2   | 11/22/2001                  | General Electric Company                        |   |
|                    | AN       | EP 1 193 306 A2  | 04/03/2002                  | Sumitomo Chemical Company, Limited              |   |
|                    | AO       |  |                             |   |   |
|                    | AP       |  |                             |   |   |

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

| Examiner Initials* | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume/issue number(s), publisher, city and/or country where published  | T |
|--------------------|----------|---|---|
|                    | AQ       | Jong Su Kim, et al., "GaN-Based White-Light-Emitting Diodes Fabricated with a Mixture of Ba <sub>3</sub> MgSi <sub>2</sub> O <sub>8</sub> : EU <sup>2+</sup> and Sr <sub>2</sub> SiO <sub>4</sub> : EU <sup>2+</sup> Phosphors", JAPANESE JOURNAL OF APPLIED PHYSICS, Vol. 43, No. 3, 2004, pp. 989-992 |   |
|                    | AR       |   |   |
|                    | AS       |   |   |
|                    | AT       |   |   |
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| Examiner Signature |  | Date Considered |  |
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